

**TRI On-site and Off-site Disposal or Other Releases, 1998-2002**

	1998	1999	2000	2001	2002	Change 1998-2002	
	Number	Number	Number	Number	Number	Number	Percent
Total Facilities	23,554	23,154	23,039	22,210	21,342	-2,212	-9.4
Total Forms	98,298	96,837	96,580	92,593	89,128	-9,170	-9.3
Form Rs	85,307	84,052	83,530	80,179	77,225	-8,082	-9.5
Form As	12,991	12,785	13,050	12,414	11,903	-1,088	-8.4
<b>On-site Disposal or Other Releases</b>	<b>Pounds</b>	<b>Pounds</b>	<b>Pounds</b>	<b>Pounds</b>	<b>Pounds</b>	<b>Pounds</b>	<b>Percent</b>
Total Air Emissions	2,088,993,001	2,039,130,339	1,910,268,510	1,651,874,865	1,628,397,956	-460,595,044	-22.0
Fugitive Air Emissions	305,150,179	275,915,312	251,842,800	222,840,789	209,103,175	-96,047,004	-31.5
Point Source Air Emissions	1,783,842,822	1,763,215,027	1,658,425,710	1,429,034,076	1,419,294,781	-364,548,040	-20.4
Surface Water Discharges	254,041,016	268,608,565	266,951,573	228,728,556	229,235,747	-24,805,269	-9.8
Underground Injection	258,418,011	250,734,509	269,225,137	208,400,174	214,041,743	-44,376,268	-17.2
Class I Wells	232,355,325	223,279,201	239,487,132	192,436,479	200,412,788	-31,942,537	-13.7
Class II-V Wells	26,062,686	27,455,308	29,738,005	15,963,695	13,628,955	-12,433,731	-47.7
On-site Land	3,781,985,275	3,947,340,217	3,287,354,652	2,489,533,987	1,753,835,669	-2,028,149,606	-53.6
RCRA Subtitle C Landfills	190,717,807	187,211,393	200,823,845	117,167,892	105,273,567	-85,444,240	-44.8
Other On-site Landfills	260,306,972	242,180,242	274,300,178	272,998,387	231,883,505	-28,423,467	-10.9
Land Treatment	9,721,163	10,917,909	13,540,706	13,281,987	20,322,007	10,600,844	109.0
Surface Impoundment	1,289,529,025	1,133,727,596	962,976,406	793,564,501	648,040,313	-641,488,712	-49.7
Other Land Disposal	2,031,710,308	2,373,303,077	1,835,713,517	1,292,521,220	748,316,277	-1,283,394,031	-63.2
<b>Total On-site Disposal or Other Releases</b>	<b>6,383,437,303</b>	<b>6,505,813,630</b>	<b>5,733,799,872</b>	<b>4,578,537,583</b>	<b>3,825,511,116</b>	<b>-2,557,926,187</b>	<b>-40.1</b>
<b>Off-site Disposal or Other Releases</b>							
Storage Only	8,187,889	7,170,736	9,187,881	5,437,474	8,079,000	-108,889	-1.3
Solidification/Stabilization (Metals and Metal Category Compounds Only)	41,651,077	42,312,757	73,045,963	101,330,577	119,213,690	77,562,613	186.2
Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)	3,065,370	7,100,118	7,031,340	3,694,253	3,258,611	193,241	6.3
Transfers to POTWs (Metals and Metal Category Compounds Only)	3,554,532	2,767,316	2,901,448	2,158,515	1,906,038	-1,648,494	-46.4
Underground Injection	8,325,239	23,571,452	20,289,264	16,154,182	9,420,404	1,095,166	13.2
Landfills/Surface Impoundments	273,715,201	273,313,190	300,794,301	302,370,459	251,867,441	-21,847,760	-8.0
Land Treatment	2,214,102	3,640,731	5,536,300	7,059,436	8,999,239	6,785,137	306.5
Other Land Disposal	27,158,669	24,803,981	21,143,530	25,170,602	33,839,672	6,681,003	24.6
Other Off-site Management	18,230,841	24,964,881	16,791,927	14,446,867	13,764,334	-4,466,507	-24.5
Transfers to Waste Broker for Disposal	14,586,317	13,093,332	14,820,895	10,360,984	11,033,168	-3,553,149	-24.4
Unknown	3,894,382	4,073,339	5,843,470	2,922,774	4,605,561	711,178	18.3
<b>Total Off-site Disposal or Other Releases</b>	<b>404,583,619</b>	<b>426,811,834</b>	<b>477,386,319</b>	<b>491,106,122</b>	<b>465,987,157</b>	<b>61,403,538</b>	<b>15.2</b>
<b>Total On-site and Off-site Disposal or Other Releases</b>	<b>6,788,020,922</b>	<b>6,932,625,463</b>	<b>6,211,186,191</b>	<b>5,069,643,705</b>	<b>4,291,498,273</b>	<b>-2,496,522,649</b>	<b>-36.8</b>

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/tridata/index.htm#pdr](http://www.epa.gov/tri/tridata/index.htm#pdr).

On-site Disposal or Other Releases include Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Underground Injection to Class I Wells (Section 5.4.1) and Class II-V Wells (5.4.2), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Land Treatment (5.5.2), Surface Impoundments (5.5.3) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), Underground Injection (M71), Landfills/Surface Impoundments (M63, M64, M65, M72), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal category compounds only).

Does not include PBT chemicals, vanadium and vanadium compounds. Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.